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C-A OPERATIONS PROCEDURES MANUAL

### **ATTACHMENT**

# 4.56.af RHIC Zone 12z1 Sweep Checklist

### Text Pages 2 through 3

			es in whic	h this Attachmen	t is used.
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#### **RHIC Zone 12z1 Sweep Checklist**

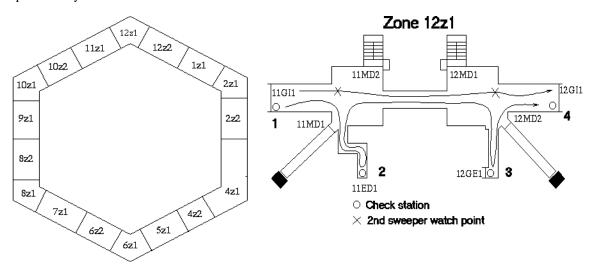
Team Leader (TL)	Sweeper#2 ( <b>S2</b> )			
Time:	Date:			

#### Warning:

IF any workers are encountered during the sweep, THEN contact the OC to see if the sweep should be aborted.
Workers shall leave the enclosure WITH the sweep team. IF the workers crash out of the enclosure AND do not exit with the sweep team, THEN the sweep shall be re-started.

#### **Prerequisites**

- Two persons to perform the sweep,
- At least one sweeper not restricted from working at heights over five feet.
- RHIC Zone 12z1 Sweep Checklist (two pages)
- Zones 11z1 and 12z2 should be swept first.
- Required Tools: at least <u>ONE FLASHLIGHT</u>,
- Walkie-talkies
- All Doors closed THEN 12z1 set to Controlled Access
- Approved padlocks (4) for Monitored Doors (may be in place)
- Keys: <u>TWO</u> Sweep Reset keys S/R015 (one each sweeper), Controlled Access key CA014 (Team leader), two padlock keys.



#### Note:

References to positions in the tunnel are made using the RHIC magnets. The identity of the local magnet can be determined by looking up at the "lower" cable tray and reading the magnet name on a blue (B) or yellow (Y) label. For example, the convention used is: I05Q17 (Inside, Q17) or O-05Q17 (Outside, Q17). References are for inside locations and are visible only by the Team Leader

#### CONTINUED ON REVERSE SIDE

Check	
	Sweep team enters 12z1 after TL requests simultaneous release from MCR (12GE1 is the
	recommended entry door).
2.	TL opens 12GE1 gate by turning the CA014 key clockwise, in the Controlled Access key-switch
	while Operator in MCR presses simultaneous release for 12GE1.
3.	Sweeper 2 passes under the RHIC rings to the outside.
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	Note:
	11MD1, 11MD2, 12MD1, and 12MD2 doors MUST be reset before the sweep begins.
4.	TL verifies 11MD1 and 12MD2 are RESET by looking for the amber reset lamp on the 11MD1 and 12MD2 security
	boxes.
5.	IF one or both doors are not reset, THEN TL shall open the door, walk to the orange door at the end of the tunnel,
	sweep back to 11MD1/12MD2, close the door, padlock the door, and RESET the gate by turning the S/R015 key in the
_	RESET keyswitch on the security box. TL observes each amber RESET lamp light.
6.	S2 verifies 11MD2 and 12MD1 are RESET by looking for the amber reset lamp on the 11MD2 and 12MD1 security
7	boxes.
7.	, , , , , , , , , , , , , , , , , , , ,
	sweep back through 11MD2/12MD1, close the door, padlock the door, and RESET the door by turning the S/R015 key in the RESET keyswitch on the 11MD2/12MD1 security box. TL observes each amber RESET lamp light.
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18	TL resets gate 11ED1 using the S/R015 key in the RESET keyswitch.
19	TL observes the yellow RESET lamp is lighted.
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	on 12XCS4. The sweep check station is located <b>adjacent</b> to the gate reset box

# **CONTINUED ON NEXT PAGE**

\_\_\_\_40. TL observes the yellow AREA SECURED lamp is lighted

41.	Sweep Team walks to 12GE1
42	TL contacts MCR for simultaneous release for gate 12GE1.
43	Sweep Team sweeps out zone 12z1 through the 12GE1 door (12GE1 is an RCA gate RESETable from MCR)
44	TL contacts MCR and confirms that gates are reset and 12z1 zone indicates sweep is good.
	Note:
	IF the AREA SECURED lamp is not lit THEN contact MCR to verify sweep is good.
45	After returning keys to keytree in MCR, TL RESETS 12GE1 from the RHIC panel view in MCR.
	After returning to MCR and verifying that all information is filled out completely,
	TL files the checklist in FY xx Sweep Log binder.